

## ABSTRACT

A method for producing a catalyst containing at least molybdenum, bismuth and iron including the steps of kneading particles containing catalyst components, an organic binder and a liquid, where the organic binder contains at least a high-viscosity organic binder having a viscosity of from 5,000 mPa·s to 25,000 mPa·s and a low-viscosity organic binder having a viscosity of from 10 mPa·s to less than 5,000 mPa·s, and extrusion molding the resultant kneaded mixture is provided.